

Title (en)
LABEL MOUNTING DEVICE

Title (de)
ETIKETTMONTAGEVORRICHTUNG

Title (fr)
DISPOSITIF D'APPLICATION D'ÉTIQUETTE

Publication
EP 2754616 A4 20150415 (EN)

Application
EP 11871860 A 20110906

Priority
JP 2011070250 W 20110906

Abstract (en)
[origin: EP2754616A1] The present invention includes: a label opening unit (10), which preliminarily opens a tubular label (L) folded in a sheet; a label expansion unit (20), which expands the preliminarily opened label (L); a bottle lifting unit (40) having a mounting (42), on which the bottle (B) is mounted and which can rise and fall; and a bottle pull-up unit (50), which lifts the bottle (B) while holding with the bottle (B) an upper end portion of the label attached to the bottle (B). After the bottle lifting unit (40) has lifted the mounting (42) on which the bottle (B) is mounted, thereby inserting the bottle (B) into the label (L) expanded by the label expansion unit (20), the bottle pull-up unit (50) pulls up the bottle (B), thereby removing expansion claws (22) from the label (L) and moving the bottle (B) to above clamp members (11) of the label opening unit (10).

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B65C 3/065 (2013.01 - EP US); **B65C 3/08** (2013.01 - US); **B65C 9/26** (2013.01 - US)

Citation (search report)

- [X] WO 2008076718 A1 20080626 - CCL LABEL GMBH [AT], et al
- [A] US 5433057 A 19950718 - LERNER HERSHEY [US], et al
- [A] JP 2004161281 A 20040610 - TAHARA KK
- [A] US 2004261949 A1 20041230 - TANAKA TOSHIHIKO [JP], et al
- See references of WO 2013035158A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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